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|----|---------|--|---|------------------|
| 17 | 0 | select\$5 same (management adj table) same (second adj buffer) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:36 |
| 18 | 2920800 | select\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:36 |
| 19 | 1409 | (second adj buffer) same select\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:37 |
| 20 | 3 | (management adj table) same (second adj buffer) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:40 |
| 21 | 1 | access adj disable adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:40 |
| 23 | 13 | (write-back or writeback) adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:41 |
| 24 | 4804 | active\$6 with flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:42 |
| 25 | 1 | command adj de-queuing | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:42 |
| 26 | 16163 | buffer with inhibit\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:43 |
| 27 | 110 | (active\$6 with flag\$) and (buffer with inhibit\$5) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:43 |
| 22 | 5 | staging adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:45 |
| 28 | 111 | selector same (first adj buffer) same (second adj buffer) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:46 |
| 29 | 0 | selector same (first adj buffer) same (second adj buffer) same identical | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:49 |
| 30 | 741 | (711/147).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:50 |
| 31 | 471 | (711/152).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |
| 32 | 860 | (710/8).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---|------------------|
| 1 | 3865 | buffer adj manag\$6 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:21 |
| 2 | 7 | secondary adj program adj memory | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 3 | 1662 | hard adj disk adj controller | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 4 | 24561 | program adj memory | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 5 | 63 | (buffer adj manag\$6) and (hard adj disk adj controller) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 6 | 5 | (program adj memory) and ((buffer adj manag\$6) and (hard adj disk adj controller)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:27 |
| 7 | 1514 | (selector or switch) same (fireware or code or instructions) same (extra or auxillary or secondary or overflow) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 8 | 3 | (hard adj disk adj controller) and ((selector or switch) same (fireware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:31 |
| 9 | 0 | ((program adj memory) and ((buffer adj manag\$6) and (hard adj disk adj controller))) and ((selector or switch) same (fireware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 10 | 0 | (hard adj disk adj controller) and (program adj memory) and ((selector or switch) same (fireware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 11 | 1571 | (selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 12 | 147 | (program adj memory) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 13 | 0 | (hard adj disk adj controller) and ((program adj memory) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 14 | 3 | (hard adj disk adj controller) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:35 |
| 15 | 7819 | management adj table | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:35 |
| 16 | 8480 | second adj buffer | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:37 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---|------------------|
| 1 | 3865 | buffer adj manag\$6 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:21 |
| 2 | 7 | secondary adj program adj memory | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 3 | 1662 | hard adj disk adj controller | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 4 | 24561 | program adj memory | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 5 | 63 | (buffer adj manag\$6) and (hard adj disk adj controller) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:25 |
| 6 | 5 | (program adj memory) and ((buffer adj manag\$6) and (hard adj disk adj controller)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:27 |
| 7 | 1514 | (selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 8 | 3 | (hard adj disk adj controller) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:31 |
| 9 | 0 | ((program adj memory) and ((buffer adj manag\$6) and (hard adj disk adj controller))) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 10 | 0 | (hard adj disk adj controller) and (program adj memory) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:32 |
| 11 | 1571 | (selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 12 | 147 | (program adj memory) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 13 | 0 | (hard adj disk adj controller) and ((program adj memory) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:33 |
| 14 | 3 | (hard adj disk adj controller) and ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:35 |
| 15 | 7819 | management adj table | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:35 |
| 16 | 8480 | second adj buffer | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:37 |

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| 18 | 2920800 | select\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:36 |
| 19 | 1409 | (second adj buffer) same select\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:37 |
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| 21 | 1 | access adj disable adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:40 |
| 23 | 13 | (write-back or writeback) adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:41 |
| 24 | 4804 | active\$6 with flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:42 |
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| 26 | 16163 | buffer with inhibit\$5 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:43 |
| 27 | 110 | (active\$6 with flag\$) and (buffer with inhibit\$5) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:43 |
| 22 | 5 | staging adj flag\$ | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:45 |
| 28 | 111 | selector same (first adj buffer) same (second adj buffer) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:46 |
| 29 | 0 | selector same (first adj buffer) same (second adj buffer) same identical | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:49 |
| 30 | 741 | (711/147).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:50 |
| 31 | 471 | (711/152).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |
| 32 | 860 | (710/8).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |

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| 33 | 299 | (710/14).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |
| 34 | 154 | (710/23).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |
| 35 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((710/8).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |
| 36 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((710/14).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |
| 37 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((710/23).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |
| 38 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((711/147).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |
| 39 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((711/152).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 40 | 0 | (selector same (first adj buffer) same (second adj buffer)) and ((710/8).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 42 | 0 | ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) and ((711/152).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 43 | 3 | ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) and ((710/8).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 44 | 0 | ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) and ((710/14).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 45 | 1 | ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) and ((710/23).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:01 |
| 41 | 3 | ((selector or switch) same (firmware or code or instructions) same (extra or auxillary or secondary or overflow)) and ((711/147).CCLS.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:03 |
| 46 | 0 | (hard adj disk adj controller) and (selector same (first adj buffer) same (second adj buffer)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:03 |
| 47 | 0 | (selector same (first adj buffer) same (second adj buffer)) and (disk adj interface) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:04 |
| 48 | 2400 | disk adj interface | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:04 |

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| 49 | 0 | (selector same (first adj buffer) same (second adj buffer)) and (disk adj interface) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:04 |
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| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 2 | ((("5978170") or ("20030161063")).PN. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:12 |
| 2 | 1662 | hard adj disk adj controller | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:13 |
| 3 | 737 | variable with buffer with size | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:13 |
| 5 | 0 | (hard adj disk adj controller) same (variable with buffer with size) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:13 |
| 4 | 4 | (hard adj disk adj controller) and (variable with buffer with size) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:14 |

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|----|-----|----------------|---|------------------|
| 33 | 299 | (710/14).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 18:59 |
| 34 | 154 | (710/23).CCLS. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/01/25 19:00 |